5

10

ABSTRACT OF THE DISCLOSURE

An amphiphilic compound having a dendritic branch structure represented by general formula (I):

$$R_0 \xrightarrow{R_1} R_2 \qquad (I)$$

In the formula (I), R_0 is a hydrophilic group; R_1 and R_2 are independently a hydrophobic group; and n is an integer of 1 to 4. This amphiphilic compound is capable of stably fixing a water-soluble polymer onto a surface structure by taking advantage of intermolecular interaction, thereby enabling the water-soluble polymer to be carried thereon without giving any damage to the function thereof.